

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,970,568 B1  
APPLICATION NO. : 09/406203  
DATED : November 29, 2005  
INVENTOR(S) : Dwight H. Freeman and Dennis Lynn Griffiths

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<u>Column, Line</u>	<u>Reads</u>	<u>Should Read</u>
Column 3, Line 35	"of a electro-acoustic"	--of an electro-acoustic--
Column 6, Line 43	"the desired $f_M$ . may be"	--the desired $f_M$ may be--
Column 8, Line 10	"having its $c$ equal to"	--having its $f_C$ equal to--
Column 8, Line 34	"converting to digital values"	--converted to digital values--
Column 8, Line 51	"making 128 samples at 20 ms"	--making 128 samples at 20 ms--
Column 8, Line 55	"and the samples"	--and the sample--
Column 9, Line 59	"recorded for time span of"	--recorded for a time span of--
Column 14, Line 6	"frequency less than"	--frequency is less than--
Column 15, Line 14	"to reach a W point"	--to reach a point--
Column 15, Line 43	"signals comprise"	--signals comprises--
Column 16, Line 1	"comprises 96; delay times"	--comprises 96 delay times--
Column 16, Line 30	"frequency less than"	--frequency is less than--
Column 18, Lines 32-33	"between resulting output signal and the second signal comprises a correlation between resulting output signal"	--between the resulting output signal and the second signal comprises a correlation between the resulting output signal--
Column 19, Line 50	"means further configured"	--means is further configured--

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,970,568 B1  
APPLICATION NO. : 09/406203  
DATED : November 29, 2005  
INVENTOR(S) : Dwight H. Freeman and Dennis Lynn Griffiths

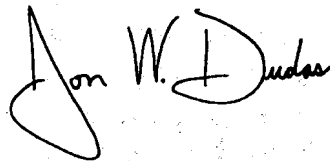
Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<u>Column, Line</u>	<u>Reads</u>	<u>Should Read</u>
Column 20, Line 52	"random at the delay time,"	--random noise signal at the delay time,--

Signed and Sealed this

Twenty-seventh Day of November, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*